

Mine Injury and Worktime, Quarterly

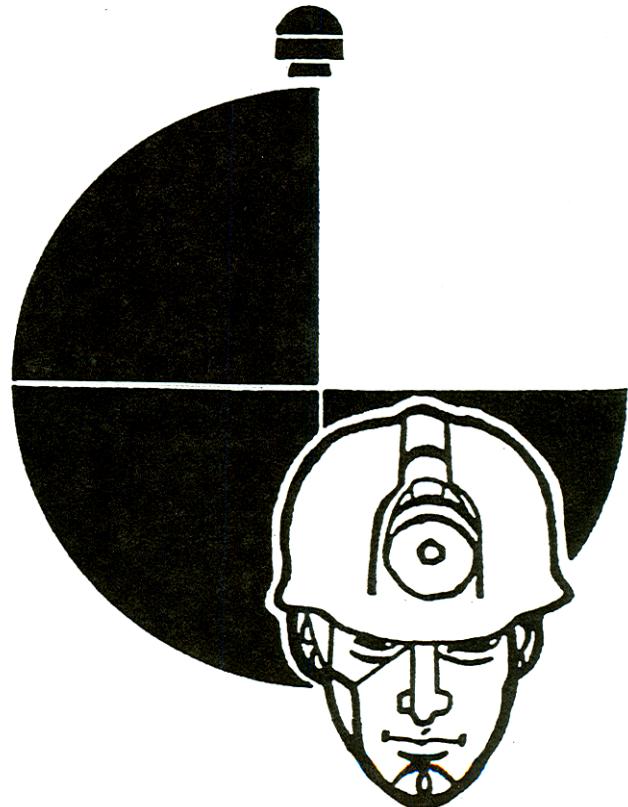


U.S. Department of Labor
Thomas E. Perez, Secretary

Mine Safety and Health Administration
Joseph A. Main, Assistant Secretary

Program Evaluation and Information Resources
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This publication has been reviewed and approved for distribution to the mining public by the Office of the Assistant Secretary for Mine Safety and Health.

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LIMITATIONS AND SCOPE OF DATA

In order to maintain consistency with prior years, fatalities occurring to independent contractor employees are included in chart 1. However, beginning in 1983, tabular data on independent contractors are depicted separately from operator data. Independent contractors have been exempted from reporting employment and injury information relating to "low hazard" activities performed at mining operations. Mandatory information now is limited to their activities which involve: mine development; construction, reconstruction or demolition of mine facilities; construction of dams; excavation or earth moving; equipment installation, service or repair; material handling; drilling or blasting. Also, data collected for employment and hours worked in those activities reflect the contractor's total metallic/nonmetallic work locations and total coal work locations and not the individual mine sites. For more detailed information concerning these changes, see the guidelines accompanying MSHA Policy Memoranda Nos. 82-6A MM and 81-35A C.

All current-year data presented in this publication are preliminary and subject to change. The data are compiled from independent contractor reports and reports by operators of mines for personnel directly engaged in production, cleaning, milling, shipping, development, and maintenance and repair work, including direct supervisory and technical personnel and contract mining services. Reports are submitted as required under the Federal Mine Safety and Health Act of 1977, Public Law 91-173 as amended by Public Law 95-164. Compilations are based on reports received at the Office of Injury and Employment Information as of the 25th of the month (or first subsequent workday) following the end of the reported quarter. Any injuries reported for mines that do not have employee-hours in file for the same time period and sub-unit are not counted or used in computation of incidence rates.

DEFINITIONS AND NOTES

The term "injury," as used in this publication, includes all reportable occupational injuries and those illnesses which result from a work accident or from exposure involving a single incident in the work environment. A reportable "injury" is an injury to an individual, occurring at a mining operation, that requires medical treatment or results in death or loss of consciousness or inability to perform all job duties on any workday after the injury or temporary assignment to other duties or transfer to another job. The injury occurrences are classified according to severity as follows:

1. FATAL: Occurrences resulting in death.
2. NFDL: Nonfatal occurrences with Days Lost (lost workdays). That is, nonfatal injury occurrences that result in days away from work or days of restricted work activity.
3. NDL: Occurrences with No Days Lost. That is, nonfatal injury occurrences resulting only in loss of consciousness or medical treatment other than first aid.

Incidence rates represent the number of injuries that occurred for each 200,000 employee-hours worked, computed as follows:

$$IR = \frac{\text{Number of injury occurrences}}{\text{Number of employee hours}} \times 200,000$$

In the event that the computation of an incidence rate results in a number less than 0.005, then an asterisk (*) will be shown instead of a number in the tabular location; if the incidence rate is 999.99 or more, then the rate will be shown as 999.99.

"Average number of workers" is a summary of the average number of persons working at individual mining establishments during periods (not necessarily continuous) of active operations.

"Production reported" is the short tons of clean coal reported to MSHA as being produced at active coal mines. The quantities reported by operators and independent contractors are not verified or questioned by MSHA except in cases of extreme deviation from expectations. The numbers are to be used only in computation of various rates and size-group classification, not as a highly accurate measure of coal produced in the United States.

Chart 1. Number of Fatal Injuries in the U.S. Mining Industries,
2011, 2012 and 2013 through 2nd Quarter

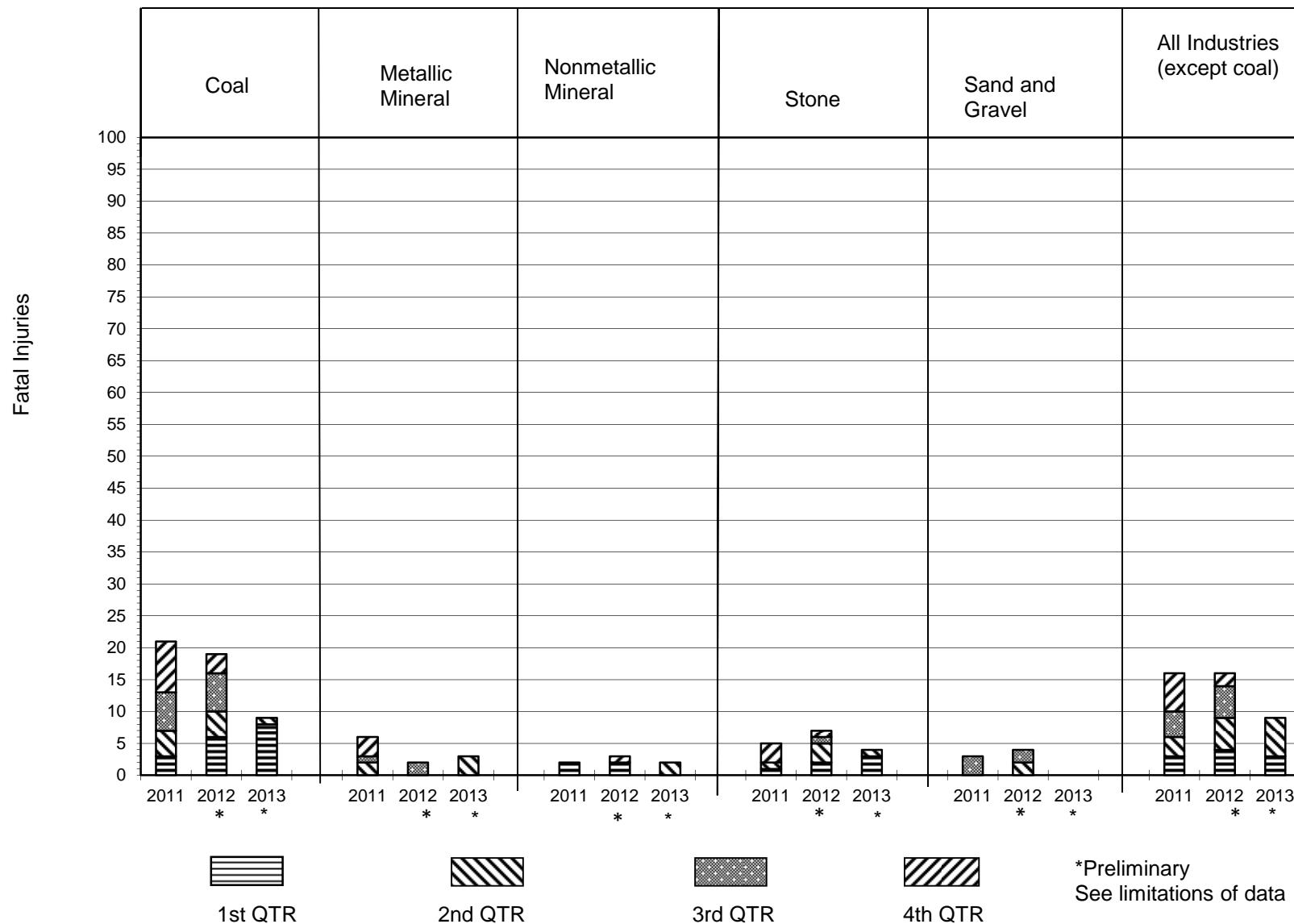


TABLE 1. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - JUNE, 2013

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTON (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	7	.03	705	3.01	351	1.50	1,063	4.53	41,068	46,888,645	173,298,456
SURFACE-----	-	-	36	2.63	25	1.82	61	4.45	2,606	2,740,077	-
TOTAL, UNDERGROUND MINES--	7	.03	741	2.99	376	1.52	1,124	4.53	43,674	49,628,722	173,298,456
SURFACE MINES:											
STRIPE MINES-----	-	-	123	.84	62	.42	185	1.26	26,955	29,266,003	308,073,554
AUGER MINES-----	-	-	1	.77	1	.77	2	1.54	336	259,992	1,138,594
OTHER SURFACE MINES-----	-	-	-	-	-	-	-	-	225	177,494	657,246
TOTAL, SURFACE MINES-----	-	-	124	.83	63	.42	187	1.26	27,516	29,703,489	309,869,394
TOTAL, PRODUCTON MINING--	7	.02	865	2.18	439	1.11	1,311	3.31	71,190	79,332,211	483,167,850
PREPARATION PLANTS-----	1	.02	60	1.45	22	.53	83	2.01	7,353	8,273,491	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	3	1.10	3	1.10	452	547,906	-
TOTAL, OTHER OPERATIONS--	1	.02	60	1.36	25	.57	86	1.95	7,805	8,821,397	-
TOTAL, BITUMINOUS MINING--	8	.02	925	2.10	464	1.05	1,397	3.17	78,995	88,153,608	483,167,850
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-	-	-	-	-	-	-	-	79	48,386	53,156
SURFACE-----	-	-	1	13.31	-	-	1	13.31	22	15,024	-
TOTAL, UNDERGROUND MINES--	-	-	1	3.15	-	-	1	3.15	101	63,410	53,156
SURFACE MINES:											
STRIPE MINES-----	-	-	15	5.77	3	1.15	18	6.92	548	520,215	998,979
CULM BANK-----	-	-	1	1.70	-	-	1	1.70	125	117,898	72,952
DREDGE-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, SURFACE MINES-----	-	-	16	5.01	3	.94	19	5.96	673	638,113	1,071,931
TOTAL, PRODUCTON MINING--	-	-	17	4.85	3	.86	20	5.70	774	701,523	1,125,087
PREPARATION PLANTS-----	-	-	14	6.62	8	3.78	22	10.40	408	422,952	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	-	-	-	-	-	-	-
TOTAL, OTHER OPERATIONS--	-	-	14	6.62	8	3.78	22	10.40	408	422,952	-
TOTAL, ANTHRACITE MINING--	-	-	31	5.51	11	1.96	42	7.47	1,182	1,124,475	1,125,087
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	7	.03	705	3.00	351	1.50	1,063	4.53	41,147	46,937,031	173,351,612
SURFACE-----	-	-	37	2.69	25	1.81	62	4.50	2,628	2,755,101	-
TOTAL, UNDERGROUND MINES--	7	.03	742	2.99	376	1.51	1,125	4.53	43,775	49,692,132	173,351,612
SURFACE MINES:											
STRIPE MINES-----	-	-	138	.93	65	.44	203	1.36	27,503	29,786,218	309,072,533
AUGER MINES-----	-	-	1	.77	1	.77	2	1.54	336	259,992	1,138,594
CULM BANK-----	-	-	1	.68	-	-	1	.68	341	292,015	729,386
DREDGE-----	-	-	-	-	-	-	-	-	9	3,377	812
TOTAL, SURFACE MINES-----	-	-	140	.92	66	.44	206	1.36	28,189	30,341,602	310,941,325
TOTAL, PRODUCTON MINING--	7	.02	882	2.20	442	1.10	1,331	3.33	71,964	80,033,734	484,292,937
PREPARATION PLANTS-----	1	.02	74	1.70	30	.69	105	2.41	7,761	8,696,443	-
INDEPENDENT SHOPS/YARDS-----	-	-	-	-	3	1.10	3	1.10	452	547,906	-
TOTAL, OTHER OPERATIONS--	1	.02	74	1.60	33	.71	108	2.34	8,213	9,244,349	-
TOTAL, ALL COAL-----	8	.02	956	2.14	475	1.06	1,439	3.22	80,177	89,278,083	484,292,937
OFFICEWORKERS:											
BITUMINOUS-----	-	-	-	-	1	.07	1	.07	2,964	2,962,313	-
ANTHRACITE-----	-	-	-	-	-	-	-	-	126	103,331	-
TOTAL, OFFICEWORKERS-----	-	-	-	-	1	.07	1	.07	3,090	3,065,644	-
GRAND TOTAL-----	8	.02	956	2.07	476	1.03	1,440	3.12	83,267	92,343,727	484,292,937

TABLE 2. NUMBER OF OPERATOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES,
AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY

JANUARY - JUNE, 2013

WORK LOCATION AND MINERAL INDUSTRY	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE		NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
UNDERGROUND MINES:										
METAL-----	2	.05	93	2.19	52	1.22	147	3.46	8,271	8,493,530
NONMETAL-----	1	.06	27	1.69	14	.88	42	2.63	3,092	3,189,987
STONE-----	-	-	33	2.78	13	1.10	46	3.88	2,288	2,372,373
TOTAL, UNDERGROUND MINES-----	3	.04	153	2.18	79	1.12	235	3.34	13,651	14,055,890
SURFACE MINES:										
METAL-----	-	-	113	1.32	45	.53	158	1.84	16,415	17,142,225
NONMETAL-----	1	.05	30	1.54	16	.82	47	2.42	4,015	3,884,258
STONE-----	3	.03	219	1.86	99	.84	321	2.73	26,053	23,546,495
SUBTOTAL, SURFACE MINES-----	4	.02	362	1.62	160	.72	526	2.36	46,483	44,572,978
SAND AND GRAVEL-----	-	-	191	1.71	69	.62	260	2.32	28,089	22,389,193
TOTAL, SURFACE MINES-----	4	.01	553	1.65	229	.68	786	2.35	74,572	66,962,171
TOTAL, MINES-----	7	.02	706	1.74	308	.76	1,021	2.52	88,223	81,018,061
MILLS:										
METAL-----	-	-	149	1.92	59	.76	208	2.69	14,869	15,485,127
NONMETAL-----	-	-	94	1.67	35	.62	129	2.29	11,012	11,262,034
STONE-----	1	.01	246	1.87	130	.99	377	2.86	25,852	26,374,217
TOTAL, MILLS-----	1	(*)	489	1.84	224	.84	714	2.69	51,733	53,121,378
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-	-	5	3.05	-	-	5	3.05	310	327,967
NONMETAL-----	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	2	2.66	3	3.98	5	6.64	177	150,607
TOTAL, SHOPS AND YARDS-----	-	-	7	2.93	3	1.25	10	4.18	487	478,574
⑤ ALL MINES, MILLS AND SHOPS:										
METAL-----	2	.01	360	1.74	156	.75	518	2.50	39,865	41,448,849
NONMETAL-----	2	.02	151	1.65	65	.71	218	2.38	18,119	18,336,279
STONE-----	4	.02	500	1.91	245	.93	749	2.86	54,370	52,443,692
SUBTOTAL-----	8	.01	1,011	1.80	466	.83	1,485	2.65	112,354	112,228,820
SAND AND GRAVEL-----	-	-	191	1.71	69	.62	260	2.32	28,089	22,389,193
TOTAL, MINES/MILLS/SHOPS-----	8	.01	1,202	1.79	535	.79	1,745	2.59	140,443	134,618,013
OFFICEWORKERS:										
METAL-----	-	-	2	.08	1	.04	3	.12	5,510	5,200,144
NONMETAL-----	-	-	-	-	2	.12	2	.12	3,419	3,286,964
STONE-----	-	-	7	.15	-	-	7	.15	10,158	9,097,982
SAND AND GRAVEL-----	-	-	2	.11	-	-	2	.11	6,868	3,515,094
TOTAL, OFFICEWORKERS-----	-	-	11	.10	3	.03	14	.13	25,955	21,100,184
SUMMARY TOTAL (INCLUDES OFFICE-WORKERS):										
METAL-----	2	.01	362	1.55	157	.67	521	2.23	45,375	46,648,993
NONMETAL-----	2	.02	151	1.40	67	.62	220	2.03	21,538	21,623,243
STONE-----	4	.01	507	1.65	245	.80	756	2.46	64,528	61,541,674
SUBTOTAL-----	8	.01	1,020	1.57	469	.72	1,497	2.31	131,441	129,813,910
SAND AND GRAVEL-----	-	-	193	1.49	69	.53	262	2.02	34,957	25,904,287
GRAND TOTAL-----	8	.01	1,213	1.56	538	.69	1,759	2.26	166,398	155,718,197

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS		
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL				
HAWAII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	-	-	-	-	-	-	4	2	269	227,950	-	-	4	2	27	29,688		
COAL-----																			
IDAH0	-	4	7	586	587,228	-	-	1	-	110	115,501	-	-	2	2	213	201,228		
METAL-----	-	-	-	-	-	-	-	3	-	304	325,801	-	-	-	-	119	104,783		
NONMETAL-----	-	-	-	-	-	-	-	-	-	220	120,029	-	-	-	-	30	24,552		
STONE-----	-	-	-	-	-	-	-	1	1	604	309,164	-	-	-	-	-	-		
TOTAL-----	-	4	7	586	587,228	-	-	5	1	1,238	870,495	-	-	2	2	362	330,563		
COAL-----																			
ILLINOIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	13,724		
NONMETAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	64,545		
STONE-----	-	2	1	156	165,857	-	-	6	7	651	8,631	-	-	-	-	963	1,003,052		
TOTAL-----	-	2	1	156	165,857	-	-	2	-	393	588,032	-	-	-	-	7	1,037		
COAL-----								-	8	7	1,053	889,431	-	-	-	-	1,081,321		
1	50	42	3,137	3,582,952	24,601,134	-	-	-	-	451	513,287	2,887,634	-	-	2	1	433	499,111	
INDIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	-	-	33	36,055	-	-	-	1	2	16	12,546	-	-	-	-	4	2,742	
NONMETAL-----	-	1	2	122	92,582	-	-	-	8	3	530	472,897	-	-	-	-	43	57,863	
STONE-----	-	-	-	-	-	-	-	-	8	4	518	453,066	-	-	-	-	14	1,023,548	
TOTAL-----	-	1	2	155	128,637	-	-	-	17	9	1,064	938,509	-	-	-	-	6	1,084,153	
COAL-----								-	8	1	1,394	1,697,157	10,693,675	-	-	-	-	4	505,433
IOWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	-	-	127	146,089	-	-	-	-	8	10,794	-	-	-	-	-	-		
NONMETAL-----	-	3	-	180	203,958	-	-	-	-	3	30	33,910	-	-	-	-	95	102,122	
STONE-----	-	-	-	-	-	-	-	-	-	846	707,719	-	-	-	-	-	444	458,280	
TOTAL-----	-	4	1	307	350,047	-	-	-	-	522	319,801	-	-	-	-	11	-		
COAL-----								-	6	3	1,406	1,072,224	-	-	-	-	539	560,402	

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS		
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL				
KANSAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	1	2	91	89,195	6,121	-	-	-	33	30,926	456,192	-	-	-	93	91,373		
NONMETAL-----	-	-	-	11	-	-	-	1	3	562	214,899	-	-	-	329	307,435			
STONE-----	-	-	-	-	-	-	-	2	2	304	-	-	-	-	-	-			
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL-----	-	1	2	102	95,316	-	-	3	5	899	702,017	-	-	-	5	422	398,808		
COAL-----	-	-	-	-	-	-	-	-	-	6	6,393	9,374	-	-	-	-	-		
KENTUCKY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	-	-	6	7,078	-	-	-	-	45	22,536	-	-	-	39	33,633	-		
NONMETAL-----	-	6	-	499	483,625	-	-	1	1	580	549,029	133,285	-	-	7	908	911,402		
STONE-----	-	-	-	-	-	-	-	1	1	127	-	-	-	-	-	-	-		
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL-----	-	6	-	505	490,703	-	-	1	2	752	704,850	-	-	-	7	2	947	945,035	
COAL-----	-	127	81	7,900	9,209,706	27,962,584	-	-	17	8	3,378	3,672,912	13,029,627	-	-	21	9	1,579	1,804,913
LOUISIANA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
METAL-----	-	-	-	-	-	-	-	-	-	8	1,217	-	-	-	14	564	720,558	-	
NONMETAL-----	-	1	-	364	374,919	-	-	-	-	12	7,824	531,262	-	-	2	229	252,287	-	
STONE-----	-	-	-	-	-	-	-	-	4	1	510	-	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	364	374,919	-	-	-	4	1	530	540,303	-	-	-	16	1	793	972,845
COAL-----	-	-	-	-	-	-	-	-	-	-	274	302,865	1,553,318	-	-	-	-	-	-
MAINE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
METAL-----	-	-	-	-	-	-	-	-	-	1	8	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	2	2,010	-	-	-	-	130	74,066	-	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	-	378	178,759	-	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	2	2,010	-	-	-	-	1	509	252,833	-	-	-	2	75	77,892	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MARYLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
METAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMETAL-----	-	-	-	7	6,204	-	-	-	4	3	219	209,180	-	-	-	1	426	478,362	-
STONE-----	-	-	-	-	-	-	-	-	3	-	236	215,313	-	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	7	6,204	-	-	-	7	3	455	424,493	-	-	-	1	426	478,362	-
COAL-----	-	6	2	155	157,442	422,555	-	-	1	1	213	240,256	602,661	-	-	-	53	50,839	-

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MASSACHUSETTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL-----	-	-	-	-	-	-	-	-	-	15	14,428	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	2	288	245,698	-	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	1	346	189,073	-	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	3	649	449,199	-	-	-	-	-	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI CHIGAN	-	-	-	22	18,951	-	-	-	-	600	607,010	-	-	-	-	-	-
METAL-----	-	-	-	41	58,596	-	-	-	-	22	21,629	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	226	213,109	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	-	-	990	594,004	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	63	77,547	-	-	-	-	1,838	1,435,752	-	-	-	-	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI NNESOTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL-----	-	-	-	-	-	-	-	-	-	2,239	2,409,956	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	289	216,689	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	-	-	1,177	555,533	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	9	3,705	3,182,178	-	-	-	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MI SSISSI PPI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL-----	-	-	-	-	-	-	-	-	-	9	6,510	-	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	5	4,094	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	-	-	475	454,740	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	-	-	-	-	-	-	-	-	8	489	465,344	-	-	-	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	2	284	296,765	1,504,160	-	-	-
MISSOURI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL-----	-	2	5	663	720,215	-	-	-	-	-	-	-	-	-	-	-	-
NONMETAL-----	-	-	-	1	290	311,495	-	-	-	-	-	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	2	6	953	1,031,710	-	-	-	-	1	1,539	1,375,467	-	-	-	-	-
COAL-----	-	-	-	-	-	-	-	-	-	-	24	30,120	203,512	-	-	-	-

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS		
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL				
MONTANA																			
METAL-----	-	21	8	1,541	1,496,007		-	-	1	320	310,634		-	3	-	419	434,916		
NONMETAL-----	-	-	-	-	-		-	-	1	74	37,139		-	-	-	171	175,541		
STONE-----	-	-	-	-	-		-	-	2	177	119,882		-	2	2	163	162,564		
SAND AND GRAVEL--							-	-	1	481	247,081		-	5	2	753	773,021		
TOTAL-----	-	21	8	1,541	1,496,007		-	5	5	1,052	714,736		-	-	-	113	127,694		
COAL-----	-	5	-	239	273,390	4,278,942	-	-	1	789	814,167	15,357,434							
NEBRASKA																			
METAL-----	-	-	-	-	-		-	-	-	-			-	-	-	-	-	-	
NONMETAL-----	-	1	3	120	156,444		-	-	1	2	107		-	-	-	1	164	174,116	
STONE-----	-	-	-	-	-		-	-	1	101	98,717		-	-	-				
SAND AND GRAVEL--							-	-	1	527	380,836		-	-	-				
TOTAL-----	-	1	3	120	156,444		-	4	2	630	479,660		-	-	1	164	174,116		
COAL-----																			
NEVADA																			
METAL-----	1	16	13	2,631	2,728,285		-	-	29	12	4,967	5,541,253		-	21	7	2,674	3,030,768	
NONMETAL-----	-	-	-	-	-		-	-	2	-	189	152,110		-	11	2	520	512,035	
STONE-----	-	-	-	-	-		-	-	2	128	126,312		-	1	1	1	209	221,602	
SAND AND GRAVEL--							-	-	2	488	396,071		-	33	12	5,772	6,215,746	3,764,405	
TOTAL-----	1	16	13	2,631	2,728,285		-	-	33	12	5,772	6,215,746		1	33	10	3,403	3,764,405	
COAL-----																			
NEW HAMPSHIRE																			
METAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-		-	-	1	3	173		-	-	-	27	24,053		
STONE-----	-	-	-	-	-		-	-	1	1	307	122,075		-	-	-	27	24,053	
SAND AND GRAVEL--							-	-	2	4	480	297,155		-	-	-	27	24,053	
TOTAL-----	-	-	-	-	-		-	-	2	4	480	297,155		-	-	-	27	24,053	
COAL-----																			
NEW JERSEY																			
METAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	41	36,073		
NONMETAL-----	-	-	-	-	-		-	-	10	2	275		-	-	-	1	142	133,609	
STONE-----	-	-	-	-	-		-	-	3	3	387	310,010		-	-	1	1	183	169,682
SAND AND GRAVEL--							-	-	13	5	662	691,791		-	-	-			
TOTAL-----	-	-	-	-	-		-	-	13	5	662	691,791		-	-	1	1	183	169,682
COAL-----																			

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS							
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL			
SOUTH CAROLINA	-	-	-	-	-	-	-	-	1	74	74,162	-	-	-	-	-	-	
METAL-----	-	-	-	-	-	-	-	-	-	35	29,172	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	1	245	244,957	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	-	240	225,204	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	6	594	573,495	-	-	-	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DAKOTA	-	-	-	-	-	-	-	-	-	124	110,764	-	-	-	-	-	-	
METAL-----	-	-	-	-	-	-	-	-	-	4	3,618	-	-	-	-	-	-	
NONMETAL-----	-	-	-	-	-	-	-	-	2	224	214,683	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	1	356	234,741	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	-	-	-	-	-	-	-	4	708	563,806	-	-	-	-	-	-	
COAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TENNESSEE	-	12	6	742	795,485	-	-	-	-	18	21,503	-	-	-	-	-	-	
METAL-----	-	-	-	-	-	-	-	-	1	66	63,801	-	-	-	-	-	-	
NONMETAL-----	-	-	-	107	101,285	-	-	-	6	833	635,915	-	-	-	-	-	-	
STONE-----	-	-	-	-	-	-	-	-	2	255	245,399	-	-	-	-	-	-	
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	12	6	849	896,770	-	-	-	10	-	1,172	966,618	-	-	-	-	-	-
COAL-----	-	5	3	144	146,711	327,446	-	-	-	1	-	138	140,904	312,716	-	-	-	-
TEXAS	-	5	-	64	64,382	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL-----	-	2	-	44	56,294	-	-	-	1	2	262	250,806	-	-	-	-	-	-
NONMETAL-----	-	-	-	12	12,843	-	-	-	18	9	3,278	3,594,016	-	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	-	20	7	2,483	2,943,121	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL-----	-	7	-	120	133,519	-	-	-	1	40	18	6,023	6,787,943	-	-	-	-	-
COAL-----	-	-	-	-	-	-	-	-	-	10	7	2,808	3,020,251	19,525,952	-	-	-	-
UTAH	-	1	-	50	46,951	-	-	-	-	-	-	-	-	-	-	-	-	-
METAL-----	-	3	2	143	150,659	-	-	-	-	4	2	1,215	1,352,317	-	-	-	-	-
NONMETAL-----	-	-	-	-	-	-	-	-	-	2	1	107	94,994	-	-	-	-	-
STONE-----	-	-	-	-	-	-	-	-	-	2	178	142,399	-	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-	-	-	-	-	3	3	843	599,970	-	-	-	-	-
TOTAL-----	-	4	2	193	197,610	-	-	-	-	9	8	2,343	2,189,680	-	-	-	-	-
COAL-----	1	17	6	1,253	1,309,327	8,387,827	-	-	-	-	-	19	26,701	151,931	-	-	-	-

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
VERMONT	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
METAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
NONMETAL-----	-	1	-	31	35,048		-	4	1	330	244,341	15,373	-	-	-	16	312
STONE-----	-	-	-	-	-		-	2	-	206	91,560	305,072	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
TOTAL-----	-	1	-	31	35,048		-	6	1	536	335,901	320,445	-	-	-	-	-
COAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
METAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
NONMETAL-----	-	-	-	-	-		-	-	-	42	45,951	-	-	-	-	-	-
STONE-----	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
TOTAL-----	-	-	-	-	-		-	-	-	42	45,951	-	-	-	-	-	-
COAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
VI RGINIA	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
METAL-----	-	-	-	2	333		-	-	-	23	21,116	71,435	-	-	-	76	319
NONMETAL-----	-	-	-	37	34,736		-	3	1	51	40,495	310,588	-	-	-	1	1,096
STONE-----	-	-	-	-	-		-	4	4	685	665,490	1,114,857	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-		-	1	-	205	177,125	-	-	-	-	-	-
TOTAL-----	-	-	-	39	35,069		-	8	5	964	904,226	1,496,880	-	-	-	9	5
COAL-----	-	38	17	3,068	3,311,069	6,082,558	-	9	1	1,143	1,004,890	2,314,090	-	-	-	3	-
WASHINGT0N	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
METAL-----	-	1	1	195	206,091		-	-	-	24	25,150	55,973	-	-	-	54	59
NONMETAL-----	-	-	-	-	-		-	1	2	376	265,160	62,101	-	-	-	1	252
STONE-----	-	-	-	-	-		-	5	1	854	636,639	221,889	-	-	-	-	-
SAND AND GRAVEL--	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
TOTAL-----	-	1	1	195	206,091		-	7	4	1,254	926,949	339,963	-	-	-	5	4
COAL-----	-	-	-	-	-	-	-	-	-	31	26,905	-	-	-	-	-	-
WEST VI RGINIA	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
METAL-----	-	-	-	-	-		-	-	-	-	-		-	-	-	19	21,704
NONMETAL-----	-	1	3	74	89,710		-	-	-	2	171	35,265	-	-	-	31	418
STONE-----	-	-	-	-	-		-	5	-	167	165,242	440,952	-	-	-	2	2
SAND AND GRAVEL--	-	-	-	-	-		-	-	1	9	10,104	-	-	-	-	-	-
TOTAL-----	-	1	3	74	89,710		-	5	1	178	175,517	497,921	-	-	-	2	2
COAL-----	4	236	102	14,401	16,376,556	42,303,630	-	32	14	4,395	5,324,180	2,650,795	-	-	-	21	5

TABLE 3. NUMBER OF OPERATOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS							
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL			
WISCONSIN																		
METAL-----	-	-	-	29	30,614		-	-	-	22	23,937		-	-	-	127	137,379	
NONMETAL-----	-	1	-	24	28,796		-	11	1	738	576,201		-	6	5	546	543,496	
STONE-----	-						-	17	2	1,553	1,181,811		-					
SAND AND GRAVEL--																		
TOTAL-----	-	2	-	53	59,410		-	28	3	2,313	1,781,949		-	7	5	673	680,875	
COAL-----																		
WYOMING																		
METAL-----	-	-	5	806	841,142		-	-	1	1	495		-	-	-	1,773	1,791,126	
NONMETAL-----	-	8	-	-	-		-	2	1	238	238,862		-	15	2	120	141,633	
STONE-----	-						-	-	-	133	113,867		-					
SAND AND GRAVEL--	-						-	3	1	390	225,180		-					
TOTAL-----	-	8	5	806	841,142		-	5	2	762	578,404		-	15	9	1,893	1,932,759	
COAL-----	-	2	1	250	295,963	2,092,846	-	10	13	6,281	6,390,490	184,573,036	-	-	-	106	99,860	
NATION																		
METAL-----	2	93	52	8,271	8,493,530		-	118	45	16,725	17,470,192		-	149	59	14,869	15,485,127	
NONMETAL-----	1	27	14	3,092	3,189,987		-	30	16	4,015	3,884,258		-	94	35	11,012	11,262,034	
STONE-----	-	33	13	2,288	2,372,373		-	221	102	26,230	23,697,102		-	246	130	25,852	26,374,217	
SAND AND GRAVEL--	-						-	191	69	28,089	22,389,193		-					
TOTAL-----	3	153	79	13,651	14,055,890		-	4	560	232	75,059	67,440,745		1	489	224	51,733	53,121,378
COAL-----	7	742	376	43,775	49,692,132	173,351,612	-	140	69	28,641	30,889,508	310,941,325	-	1	74	30	7,761	8,696,443

TABLE 4. NUMBER OF OPERATOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION

JANUARY - JUNE, 2013

ACCIDENT CLASSIFICATION	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			MILLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRICAL-----	-	2	1	-	2	-	-	1	1	-	-	-	1	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	2	-	-	-	-	1	1	-	-	-	1	-	2	-	-	1	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	17	4	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	2	56	34	-	-	-	-	-	-	-	5	2	-	-	-	-	-	-
FIRES-----	-	1	-	-	-	-	-	-	-	-	30	22	-	41	12	-	61	30
HANDLING MATERIAL-----	-	261	147	-	33	20	-	27	15	-	4	11	-	11	9	-	13	11
HAND TOOLS-----	-	44	80	-	10	12	-	5	8	-	-	-	-	-	-	-	1	-
NONPOWERED HAULAGE-----	-	1	-	-	-	-	-	-	-	-	2	14	1	-	15	2	-	3
POWERED HAULAGE-----	3	90	28	-	17	4	-	6	-	-	7	1	-	10	1	-	1	-
HAULAGE TRUCKS-----	-	4	-	-	14	4	-	2	-	-	-	-	-	4	1	-	-	-
FRONT-END LOADERS-----	-	-	-	-	1	-	-	3	-	-	-	-	-	-	-	-	-	-
ALL OTHER POWERED HAULAGE-----	3	86	28	-	2	-	-	1	-	2	7	1	-	1	-	-	2	-
HOISTING-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	1	59	42	-	20	11	-	7	3	-	12	5	-	8	11	-	11	7
DOZER-----	-	-	-	-	7	2	-	1	-	-	-	-	-	1	1	-	-	-
DRILL-----	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER MACHINERY-----	1	58	42	-	12	9	-	6	3	-	12	5	-	7	10	-	11	7
SLIPS OR FALLS OF PERSON-----	-	163	23	-	52	15	-	22	2	-	20	6	-	34	5	-	41	5
STEPPING OR KNEELING ON OBJECT-----	-	30	3	-	5	2	-	3	-	-	2	-	-	5	-	-	5	1
STRIKING OR BUMPING-----	-	5	11	-	2	-	-	1	-	-	3	3	-	1	2	-	4	2
OTHER-----	-	11	1	-	1	3	-	2	-	-	3	3	-	3	-	-	7	2
TOTAL-----	7	742	376	-	140	69	1	74	30	2	93	52	-	118	45	-	149	59

TABLE 4. NUMBER OF OPERATOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION

JANUARY - JUNE, 2013 - CONTINUED

ACCIDENT CLASSIFICATION	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRICAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	4	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDERGROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FI RE-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
HANDLING MATERIAL-----	-	9	6	-	13	5	-	42	22	-	-	-	9	5	-	93	41	-	107	55	-
HAND TOOLS-----	-	3	1	-	3	4	-	3	5	-	-	-	11	6	-	23	30	-	23	31	-
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
POWERED HAULAGE-----	-	4	2	1	2	1	-	6	1	-	-	-	4	2	1	22	2	-	15	2	-
HAULAGE TRUCKS-----	-	-	-	-	1	1	-	-	-	-	-	-	1	2	1	8	1	-	2	-	16
FRONT-END LOADERS-----	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	8	1	-	5	1	-
ALL OTHER POWERED HAULAGE-----	-	4	2	1	1	-	-	3	1	-	-	-	-	2	-	-	6	1	-	8	1
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	3	2	-	3	3	-	10	3	-	-	-	1	-	-	16	11	1	16	15	-
DOZER-----	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	1	-	-	-	10	8
DRI LL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	1
ALL OTHER MACHINERY-----	-	3	2	-	2	2	-	9	3	-	-	-	1	-	-	14	11	1	16	15	-
SLIPS OR FALLS OF PERSON-----	-	4	1	-	9	2	-	22	3	-	-	-	7	-	-	54	11	-	61	16	-
STEPPING OR KNEELING ON OBJECT-----	-	1	-	-	-	1	-	3	-	-	-	-	-	-	-	6	1	-	10	2	-
STRIKING OR BUMPING-----	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	2	2	-	1	1	-
OTHER-----	-	1	-	-	-	-	-	3	1	-	-	-	1	-	-	4	2	-	10	4	-
TOTAL-----	1	27	14	1	30	16	-	94	35	-	33	13	3	221	102	1	246	130	-	191	69

TABLE 5. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES,
EMPLOYEE HOURS, AND PRODUCTION BY TYPE OF COAL MINED AND WORK LOCATION

JANUARY - JUNE, 2013

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURRENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)
BITUMINOUS COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		55		20		75				
SURFACE-----	-		12	.65	4	.22	16				
TOTAL, UNDERGROUND MINES--	-		67	1.90	24	.68	91				
SURFACE MINES:											
STRIIP MINES-----	1		24		17		42				
AUGER MINES-----	-		1		-		1				
OTHER SURFACE MINES-----	-		-		-		-				
TOTAL, SURFACE MINES-----	1		25		17		43				
TOTAL, PRODUCTION MINING--	1		92		41		134				
PREPARATION PLANTS-----	-		20		6		26				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS--	-		20		6		26				
TOTAL, BITUMINOUS MINING--	1		112		47		160				
PENNSYLVANIA ANTHRACITE COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		-		-		-				
SURFACE-----	-		-		-		-				
TOTAL, UNDERGROUND MINES--	-		-		-		-				
SURFACE MINES:											
STRIIP MINES-----	-		-		-		-				
CULM BANK-----	-		-		-		-				
DREDGE-----	-		-		-		-				
TOTAL, SURFACE MINES-----	-		-		-		-				
TOTAL, PRODUCTION MINING--	-		-		-		-				
PREPARATION PLANTS-----	-		-		-		-				
INDEPENDENT SHOPS/YARDS-----	-		-		-		-				
TOTAL, OTHER OPERATIONS--	-		-		-		-				
TOTAL, ANTHRACITE MINING--	-		-		-		-				
ALL COAL:											
UNDERGROUND MINES:											
UNDERGROUND-----	-		55	3.29	20	1.19	75	4.48	5,003	3,347,452	-
SURFACE-----	-		12	.65	4	.22	16	.86	7,054	3,709,371	-
TOTAL, UNDERGROUND MINES--	-		67	1.90	24	.68	91	2.58	12,057	7,056,823	-
SURFACE MINES:											
STRIIP MINES-----	1	.02	24	.56	17	.40	42	.98	14,155	8,577,965	297,160
AUGER MINES-----	-		1	3.32	-	-	1	3.32	149	60,229	-
CULM BANK-----	-		-		-		-		526	186,834	-
DREDGE-----	-		-		-		-		21	2,846	-
TOTAL, SURFACE MINES-----	1	.02	25	.57	17	.39	43	.97	14,851	8,827,874	297,160
TOTAL, PRODUCTION MINING--	1	.01	92	1.16	41	.52	134	1.69	26,908	15,884,697	297,160
PREPARATION PLANTS-----	-		20	.91	6	.27	26	1.18	6,796	4,407,559	-
INDEPENDENT SHOPS/YARDS-----	-		-		-		-		204	184,535	-
TOTAL, OTHER OPERATIONS--	-		20	.87	6	.26	26	1.13	7,000	4,592,094	-
TOTAL, ALL COAL-----	1	.01	112	1.09	47	.46	160	1.56	33,908	20,476,791	297,160
OFFICEWORKERS:											
BITUMINOUS-----	-		-		-		-				
ANTHRACITE-----	-		-		-		-				
TOTAL, OFFICEWORKERS--	-		-		-		-		1,961	1,373,418	-
GRAND TOTAL-----	1	.01	112	1.03	47	.43	160	1.46	35,869	21,850,209	297,160

TABLE 6. NUMBER OF CONTRACTOR INJURIES, INJURY-INCIDENCE RATES, AVERAGE NUMBER OF EMPLOYEES, AND EMPLOYEE HOURS BY WORK LOCATION AND MINERAL INDUSTRY

JANUARY - JUNE, 2013

TYPE OF COAL AND WORK LOCATION	FATAL	FATAL INCIDENCE RATE	NFDL	NFDL INCIDENCE RATE	NDL	NDL INCIDENCE RATE	ALL OCCURENCES	ALL INCIDENCE RATE	AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
UNDERGROUND MINES:										
METAL-----	-		23		13		36			
NONMETAL-----			3		3		6			
STONE-----	-		3		-		3			
TOTAL, UNDERGROUND MINES-----	-		29	1.30	16	.72	45	2.02	7,704	4,457,914
SURFACE MINES:										
METAL-----	-		32		27		59			
NONMETAL-----			6		9		15			
STONE-----	-		22		15		37			
SUBTOTAL, SURFACE MINES-----	-		60		51		111			
SAND AND GRAVEL-----	-		5		1		6			
TOTAL, SURFACE MINES-----	-		65	.63	52	.50	117	1.13	40,870	20,749,819
TOTAL, MINES-----	-		94	.75	68	.54	162	1.29	48,574	25,207,733
MILLS:										
METAL-----	1		24		15		40			
NONMETAL-----	-		8		7		15			
STONE-----	-		32		12		44			
TOTAL, MILLS-----	1	.02	64	1.05	34	.56	99	1.63	17,822	12,149,646
INDEPENDENT SHOPS AND YARDS:										
METAL-----	-		-		-		-			
NONMETAL-----			-		-		-			
STONE-----	-		-		-		-			
TOTAL, SHOPS AND YARDS-----	-		-		-		-		44	10,821
ALL MINES, MILLS AND SHOPS:										
METAL-----	1		79		55		135			
NONMETAL-----	-		17		19		36			
STONE-----	-		57		27		84			
SUBTOTAL-----	1		153		101		255			
SAND AND GRAVEL-----	-		5		1		6			
TOTAL, MINES/MILLS/SHOPS-----	1	.01	158	.85	102	.55	261	1.40	66,440	37,368,200
OFFICE WORKERS:										
METAL-----	-		-		1		1			
NONMETAL-----			-		-		-			
STONE-----	-		-		-		-			
SAND AND GRAVEL-----	-		-		-		-			
TOTAL, OFFICE WORKERS-----	-		-		1	.07	1	.07	3,966	3,001,388
SUMMARY TOTAL (INCLUDES OFFICE WORKERS):										
METAL-----	1		79		56		136			
NONMETAL-----	-		17		19		36			
STONE-----	-		57		27		84			
SUBTOTAL-----	1		153		102		256			
SAND AND GRAVEL-----	-		5		1		6			
GRAND TOTAL-----	1	(*)	158	.78	103	.51	262	1.30	70,406	40,369,588

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES				SURFACE OPERATIONS				MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
ALABAMA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
ALASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
ARIZONA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
ARKANSAS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
CALIFORNIA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES				SURFACE OPERATIONS				MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
INDIANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
	4	2															
KENTUCKY																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
	1	5															
LOUISIANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MARYLAND																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
MASSACHUSETTS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES				SURFACE OPERATIONS				MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
MI CHIGAN																	
METAL-----				1						1							
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			1							1							
COAL-----																	
MINNESOTA																	
METAL-----										1						3	2
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----										1						3	2
COAL-----																	
MISSOURI																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			2							3	1					5	1
COAL-----										3	1					5	1
MONTANA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----			1														
COAL-----																	
NEBRASKA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----										1						3	
COAL-----										1						3	

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NEVADA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	14	6															
COAL-----																	
NEW HAMPSHIRE																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
NEW MEXICO																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	3																
COAL-----																	
NEW YORK																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	3																
COAL-----																	
NORTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES				SURFACE OPERATIONS				MILLS / PREP PLANTS								
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
NORTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
OHIO																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	1	1															
COAL-----	1	1															
OKLAHOMA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
OREGON																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
PENNSYLVANIA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	1																
COAL-----	1																
COAL-ANTHRACITE--																	
BITUMINOUS--																	
TOTAL-----	18	4															

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION
BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

STATE AND MINERAL INDUSTRY	UNDERGROUND MINES					SURFACE OPERATIONS					MILLS / PREP PLANTS						
	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS	PRODUCTION (SHORT TONS)	NUMBER OF INJURIES			AVERAGE NUMBER OF EMPLOYEES	EMPLOYEE HOURS
	FATAL	NFDL	NDL				FATAL	NFDL	NDL				FATAL	NFDL	NDL		
SOUTH CAROLINA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
SOUTH DAKOTA																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
TEXAS																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----	1																
COAL-----	1																
UTAH																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	
VERMONT																	
METAL-----																	
NONMETAL-----																	
STONE-----																	
SAND AND GRAVEL--																	
TOTAL-----																	
COAL-----																	

TABLE 7. NUMBER OF CONTRACTOR INJURIES, AVERAGE NUMBER OF EMPLOYEES, EMPLOYEE HOURS AND COAL PRODUCTION BY WORK LOCATION, STATE, AND MINERAL INDUSTRY

JANUARY - JUNE, 2013 - CONTINUED

TABLE 8. NUMBER OF CONTRACTOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION

JANUARY - JUNE, 2013

ACCIDENT CLASSIFICATION	COAL									METAL								
	UNDERGROUND			SURFACE			PREPARATION PLANTS			UNDERGROUND			SURFACE			MILLS		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRICAL-----	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS UNDER PRESSURE-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	3	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
FI RE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	20	4	-	11	6	-	6	3	-	7	6	-	12	12	-	11	7	-
HAND TOOLS-----	7	6	-	3	3	-	4	1	-	-	2	-	2	4	-	2	3	-
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
POWERED HAULAGE-----	5	1	-	1	1	-	3	-	-	2	-	-	2	1	-	-	-	-
HAULAGE TRUCKS-----	1	-	-	1	-	1	2	-	-	-	-	-	-	1	-	-	-	-
FRONT-END LOADERS-----	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOISTING-----	-	4	1	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	5	3	1	5	2	-	1	1	-	4	2	-	2	5	-	4	4
MACHINERY-----	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOZER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRILL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER MACHINERY-----	5	3	-	4	2	-	1	1	-	4	2	-	1	5	-	4	4	-
SLIPS OR FALLS OF PERSON-----	-	20	4	-	2	4	-	6	1	-	5	2	-	12	3	-	5	1
STEPPING OR KNEELING ON OBJECT-----	-	2	2	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-
STRIKING OR BUMPING-----	-	-	1	-	-	2	1	-	-	-	-	-	-	1	-	-	-	-
OTHER-----	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL-----	-	67	24	1	25	17	-	20	6	-	23	13	-	32	27	1	24	15

TABLE 8. NUMBER OF CONTRACTOR INJURIES BY MINERAL INDUSTRY, WORK LOCATION, AND ACCIDENT CLASSIFICATION

JANUARY - JUNE, 2013 - CONTINUED

ACCIDENT CLASSIFICATION	NONMETAL									STONE									SAND / GRAVEL		
	UNDERGROUND			SURFACE			MILLS			UNDERGROUND			SURFACE			MILLS			SURFACE		
	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL	FATAL	NFDL	NDL
ELECTRICAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENTRAPMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLODING VESSELS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNDER PRESSURE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXPLOSIVES AND BREAKING AGENTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLING, ROLLING, OR SLIDING MATERIAL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF FACE, RIB, SIDE OR HIGHWALL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALL OF ROOF (UNDER- GROUND MINES ONLY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FI RE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANDLING MATERIAL-----	-	1	1	-	2	5	-	4	1	-	2	-	6	2	-	14	7	-	-	1	-
HAND TOOLS-----	-	-	1	-	2	1	-	-	-	-	-	-	1	6	-	-	-	-	-	-	-
NONPOWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAULAGE TRUCKS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRONT-END LOADERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER POWERED HAULAGE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
HOISTING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGNITION OR EXPLOSION OF GAS OR DUST-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IMPOUNDMENT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INUNDATION-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINERY-----	-	-	1	-	1	-	-	-	2	-	-	-	6	4	-	4	2	-	-	1	-
DOZER-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRI LL-----	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
ALL OTHER MACHINERY-----	-	-	1	-	-	-	-	-	2	-	-	-	5	4	-	4	2	-	-	1	-
SLIPS OR FALLS OF PERSON-----	-	2	-	-	1	3	-	3	2	-	1	-	-	6	1	-	3	-	-	3	-
STEPPING OR KNEELING ON OBJECT-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
STRIKING OR BUMPING-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	1	-	-	-
OTHER-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL-----	-	3	3	-	6	9	-	8	7	-	3	-	-	22	15	-	32	12	-	5	1